FORM PTO 948 (REV. 01-97)

U.S. DEPARTMENT OF COMMERCE-Patent and Trademark Office

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

vings whe necessary. Corrected drawings must be submitted according to	
DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
Black ink. Color. Color drawing are not acceptable until petition is granted.	Hatching not indicated for sectional portions of an object.
	Fig.(s)
Fig.(s)Pencil and non black ink is not permitted. Fig(s)	Sectional designation should be noted with Arabic or
PHOTOGRAPHS. 37 CFR 1.84(b)	Roman numbers. Fig.(s)
Photographs are not acceptable until petition is granted,	 ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion when
3 full-tone sets are required. Fig(s)	page is either upright or turned, so that the top becomes the righ
Photographs not properly mounted (must brystol board or	side, except for graphs. Fig.(s)
photographic double-weight paper). Fig(s)	Views not on the same plane on drawing sheet. Fig.(s)
Poor quailty (half-tone). Fig(s)	9. SCALE. 37 CFR 1.84(k)
YPE OF PAPER. 37 CFR 1.84(e)	Scale not large enough to show mechansim with crowding
Paper not flexible, strong, white and durable.	when drawing is reduced in size to two-thirds in reproduction.
Fig.(s)	Fig.(s)
Erasures, alterations, overwritings, interlineations,	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(I
folds, copy machine marks not acceptable. (too thin)	Lines, numbers & letters not uniformly thick and well defined,
Mylar, vellum paper is not acceptable (too thin).	clean, durable and black (poor line quality).
Fig(s)	$Fig.(s)$ $\mathcal{C} \mathcal{C}$
SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:	11. SHADING. 37 CFR 1.84(m)
21.0 cm by 29.7 cm (DIN size A4)	Solid black areas pale. Fig.(s)
21.6 cm by 27.9 cm (8 1/2 x 11 inches)	Solid black shading not permitted. Fig.(s)
All drawings sheets not the same size.	Shade lines, pale, rough and blurred. Fig.(s)
Sheet(s)	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
MARGINS. 37 CFR 18.4(g): Acceptable margins:	37 CFR 1.48(p)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size	Numbers and reference characters not plain and legible.
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	Fig.(s)Figure legends are poor. Fig.(s)
SIZE: 8 1/2 x 11	
Margins not acceptable. Fig(s)	Numbers and reference characters not oriented in the same
Top (T)	direction as the view. 37 CFR 1.84(p)(3) Fig.(s)
Right (R) Bottom (B)	Engligh alphabet not used. 37 CFR 1.84(p)(3) Fig.(s)
VIEWS. CFR 1.84(h)	Numbers, letters and reference characters must be at least
REMINDER: Specification may require revision to	.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s)
correspond to drawing changes.	13. LEAD LINES. 37 CFR 1.84(q)
Views connected by projection lines or lead lines.	Lead lines cross each other. Fig.(s) Lead lines missing. Fig.(s)
Fig.(s)	
Partial views. 37 CFR 1.84(h)(2)	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t)
Fig.(s)	Sheets not numbered consecutively, and in Ababic numerals
Views not labeled separately or properly.	beginning with number 1. Fig.(s) 15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Fig.(s)	
Enlarged view not labeled separately or properly.	Views not numbered consecutively, and in Abrabic numerals,
Fig.(s)	beginning with number 1. Fig.(s)
118.(3)	16. CORRECTIONS. 37 CFR 1.84(w)
	Corrections not made from PTO-948 dated
	Surface shading shown not appropriate. Fig.(s)
•	Solid black shading not used for color contrast.
	Fig.(s)
OMMENTS	

ATTACHMENT TO PAPER NO. _____PTO COPY